

System Overview

International Provider of Specialty Garments Consolidates Distribution



Features & Benefits Provided

- Consolidation reduces operating costs
- Recyclable totes allow pick-pack operation
- Very-narrow-aisle racking optimizing use of space
- Directed picking—accurate & fast



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The Challenge:

A provider of specialty garments needed to consolidate the distribution of raw materials to manufacturing from several facilities to a single, safe, worker-friendly center.

In creating a consolidated facility, GEAR wanted to apply current technology, mechanization, and appropriate storage media to provide a highly-productive facility.

Employee safety and a pleasant working environment rounded out the list of requirements for design of the distribution center.

The Solution:

An analysis of product movement rates was completed to design a new material handling system, consolidating five separate operations. Pick-to-light and radio-frequency-device technologies direct picking of orders. A pick and pack scheme uses recyclable totes. Conveyor transports the totes, and high-speed

Receiving conveyor with RF-directed put-away, pick-to-light technology, and appropriate storage media create a highly productive facility

automatic sortation routes them to shipping. Receiving conveyor feeds product for faster put-away into a wire-guided, very-narrow-aisle racking system.